

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Ryan et al.

Application No.: Not Yet Known

Filed: Not Yet Known

For: ENERGY EFFICIENT PRODUCTION
OF POROUS GRANULES

Group: Not Yet Known

Examiner: Not Yet Known

Our File: PIP-PT020

Date: May 30, 2001



INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. § 1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. These materials are identified in the International Search Report, copy attached, from the parent International Application No. PCT/AU99/01064, filed on November 30, 1999.


Pursuant to 37 C.F.R. § 1.98(d) copies of documents cited in the parent application are not enclosed, but copies will be provided upon request. These documents are identified on the PTO-1449 form by an asterisk (*).

Applicant: Ryan et al.
Application No.: Not Yet Known

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

Ryan et al.

By 
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CFK/lma
Enclosure

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. PIP-PT020	SERIAL NO. Not Yet Known
	APPLICANT Ryan et al.	
	FILING DATE Not Yet Known	GROUP Not Yet Known

JCE668 U.S. PTO
 09/667965
 05/30/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA*	4	2	9	3	5	2	3	10/81	Segawa et al.			

FOREIGN PATENT DOCUMENTS

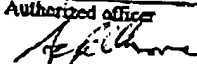
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	AB*	J	P	58	05	81	40	A	5/83	Japan				
	AC*	J	P	04	23	88	42	A	8/92	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER		International application No. PCT/AU 99/01064
Int Cl ⁶ : B01J 2/00, B01J 6/00		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) IPC(6): B01J		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WPAT		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4293523 (SEGAWA et al.), 6 October 1981 Whole document	1-25
X	Derwent Abstract Accession No. 93-002719/01, Class L02 JP 04-238842-A (ONODA CEMENT CO LTD), 26 August 1992	1-25
X	Derwent Abstract Accession No. 47501 K/20, Class C04 JP 58-058140-A (DENPATSU FLYASH KK), 6 May 1983	1-25
<input type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "Z" document member of the same patent family		
Date of the actual completion of the international search 18 January 2000		Date of mailing of the international search report 25 JAN 2000
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929		Authorized officer  ADRIAN GILLMORE Telephone No.: (02) 6283 2125

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
PCT/AU 99/01064

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member					
US	4293523	US	4313753	DE	2939978	AU	51594/79
		CA	1125534	FR	2438637	GB	2032903
		JP	55051784	JP	55003309	ZA	79/05023
END OF ANNEX							